

TECHNICAL MISCELLANEOUS WEIGHTS

ROLLER-MODEL	7"BF WTS. (lbs.)	9"BF WTS. (lbs.)	11"BF WTS. (lbs.)	13"BF WTS. (lbs.)	15"BF WTS. (lbs.)	17"BF WTS. (lbs.)	19"BF WTS. (lbs.)	21"BF WTS. (lbs.)	23"BF WTS. (lbs.)	25"BF WTS. (lbs.)	27"BF WTS. (lbs.)	31"BF WTS. (lbs.)	33"BF WTS. (lbs.)	35"BF WTS. (lbs.)	37"BF WTS. (lbs.)	39"BF WTS. (lbs.)	43"BF WTS. (lbs.)	45"BF WTS. (lbs.)	47"BF WTS. (lbs.)	51"BF WTS. (lbs.)
196S	1.6	1.9	2.2	2.5	2.7	2.9	3.3	3.6	3.8	4.1	4.4	4.9	5.2	5.5	5.8	6.1	6.7	7.0	7.3	7.8
196G	1.6	1.9	2.3	2.6	2.8	3.0	3.4	3.7	3.9	4.3	4.6	5.1	5.4	5.7	6.0	6.3	7.0	7.3	7.6	8.1
192S	2.3	2.8	3.4	3.8	4.5	5.2	5.6	6.0	6.6	7.2	7.7	8.8	9.4	9.9	10.65	11.0	12.1	12.7	13.2	14.3
199S	2.6	3.3	4.0	4.5	5.3	6.1	6.6	7.1	7.8	8.5	9.2	10.5	11.2	11.8	12.6	13.1	14.5	15.2	15.8	17.1
254S	2.1	2.5	3.0	3.4	3.9	4.4	4.8	5.2	5.8	6.2	6.6	7.5	8.4	9.3	9.8	10.2	11.3	11.8	12.3	13.3
254T	2.0	2.4	2.8	3.2	3.7	4.1	4.5	4.9	5.4	5.8	6.2	7.0	7.5	7.9	8.3	8.7	9.6	10.0	10.4	11.3
251S	4.2	4.9	5.6	6.4	7.1	7.8	8.5	9.2	9.9	10.7	11.4	12.8	13.5	14.3	15.0	15.7	17.1	17.9	18.6	20.0
297S	4.6	5.6	6.7	7.6	8.7	9.8	10.8	11.8	12.3	13.8	15.3	16.9	17.9	19.0	20.0	21.0	23.0	24.1	25.1	27.2
3509S	6.5	7.7	8.8	9.9	11.0	12.1	13.3	14.4	15.6	16.7	17.8	20.1	21.2	22.3	23.5	24.6	26.9	28.0	29.1	31.4
3530S	11.2	13.5	15.9	18.3	20.6	23.0	25.3	27.6	30.0	32.3	34.7	39.4	41.8	44.1	46.4	48.8	53.5	55.9	58.2	62.8

LIGHT DUTY ROLLER WEIGHTS			
ROLLER MODEL	10" BF WTS. (lbs.)	16" BF WTS. (lbs.)	22" BF WTS. (lbs.)
138G	1.0	1.5	2.0
138A	0.9	1.3	1.8

SLAT & CHAIN WEIGHTS PER FT. OF CONVEYOR					
SLAT WIDTH	25" WT. (lbs.)	31" WT. (lbs.)	37" WT. (lbs.)	43" WT. (lbs.)	49" WT. (lbs.)
7 GA HRS	71	82	96	104	115

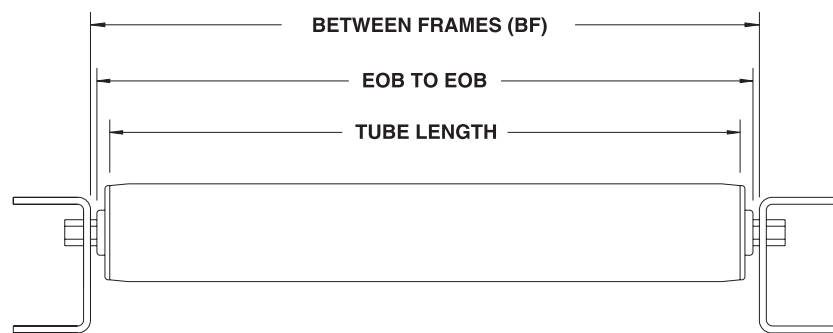
CHAIN WEIGHTS (lbs.) PER FT. OF CONVEYOR			
CHAIN SIZE	CONVEYOR SPEED	CHAIN WT./FT.	LOAD RATING
NO. 40	25 FPM	.41	443
NO. 40	50 FPM	.41	432
NO. 50	25 FPM	.68	690
NO. 50	50 FPM	.68	675
NO. 60	25 FPM	.96	995
NO. 60	50 FPM	.96	970
NO. 80	25 FPM	1.7	1770
NO. 80	50 FPM	1.7	1730
NO. 100	25 FPM	2.7	2760
NO. 100	50 FPM	2.7	2690

BELTING WEIGHTS										
BELTING TYPE	BELTING SURFACE	2-1/4" BELT WIDTH	6" BELT WIDTH	12" BELT WIDTH	18" BELT WIDTH	24" BELT WIDTH	30" BELT WIDTH	36" BELT WIDTH	42" BELT WIDTH	48" BELT WIDTH
PVC-120	C x FS	-	.51	1.02	1.53	2.04	2.55	3.06	3.57	4.08
PVC-120	FS x FS	-	.24	.48	.72	.96	1.20	1.44	1.68	1.92
PVC	RUFF-TOP	-	.45	.90	1.35	1.80	2.25	2.70	3.15	3.60
PVC-150	C x FS	.241	-	-	-	-	-	-	-	-

ROLLER LENGTH

DETERMINING ROLLER LENGTH

The best method for ordering additional or replacement rollers is to always specify the between frames dimension (BF). This will ensure a proper fit for rollers and conveyor frames. If the end-user does not know what the BF dimension is, simply have this person measure between the frames of the specified unit. However, there are times when getting a between frames dimension is difficult. In this instance, it is very important to use the proper terminology to select a roller size. The only dimension acceptable in determining roller length when the BF is not known, is the "end-of-bearing" measurement. The importance here cannot be overstated. Since conveyor/roller manu-



facturers vary the length of the roller tube in relation to the manner in which the bearing is inserted-and depending on the individual bearing being used-countless dimensions are possible. For example, one manufacturer may use an 18-1/2" long tube in production of its 19" BF roller. Another may be using a different

bearing or possibly a different method of installing the bearing and cut its tube to a length of 18-1/4". This 1/4" difference is enough--believe it or not--to be the culprit of serious problems--at exactly the time the end-user receives a shipment of non-returnable rollers the wrong length! See illustration above.

